

ITEM: 10

SUBJECT: City of Corning, Corning Wastewater Treatment Plant, Tehama County

BOARD ACTION: *Consideration of NPDES Permit Renewal*

BACKGROUND:

The City of Corning (hereinafter Discharger) is the owner of the Corning Wastewater Treatment Plant. SouthWest Water Company is the current operator of the Corning Wastewater Treatment Plant. The Discharger owns, and SouthWest Water Company operates the secondary treatment wastewater treatment plant. The treatment system consists of headworks, an oxidation ditch, three clarifiers, a sludge thickener, sludge-drying beds, chlorination/dechlorination facilities, and an equalization basin. Wastewater is discharged to Sacramento River, a water of the United States, within the Sacramento Watershed. The discharge pipe is shared with Bell-Carter Olive Company, Inc. Bell-Carter Olive Company has a separate NPDES permit (Order No. R5-2007-0166) for its discharge into the Sacramento River.

The facility average dry weather flow design is 1.4 mgd. The treatment system consists of screening for removal of large solids, grit removal, primary clarification, activated sludge treatment with secondary clarification, chlorination, and dechlorination. Sludge is aerobically treated, dried on site, and then disposed at a solid waste landfill.

Review of the last five years of effluent/receiving water data, indicated that there is reasonable potential to exceed water quality objectives for dichlorobromomethane and ammonia. The Discharger is able to immediately comply with the effluent limitations for dichlorobromomethane and ammonia.

Public comments on the proposed permit were received from the Central Valley Clean Water Association; minor changes have been made to the proposed permit in response to the comments received. One comment received was regarding the accelerated monitoring trigger for chronic toxicity.

ISSUES:

The main issues for the renewal are: the new dichlorobromomethane and ammonia limits, and the accelerated monitoring trigger for chronic toxicity. The chronic toxicity trigger is set at 1 TUc to ensure that the discharge does not exhibit chronic toxicity. The existing discharge has not exhibit any chronic toxicity, therefore, the 1 TUc trigger is appropriate for this discharge, which is consistent with other adopted NPDES Orders.

RECOMMENDATION: Adopt the proposed order.

Mgmt. Review _____

Legal Review PEP

29 July 2010
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